				_,
L Number	Hits	Search Text	DB	Time stamp
4	268	"spherical aberration" same defocus\$4	USPAT	2004/02/17 10:31
5	165	"spherical aberration" with defocus\$4	USPAT	2004/02/17
6	52	"spherical aberration" with defocus\$4 with (reduc\$4 eliminat\$4 compensat\$4	USPAT	10:31 2004/02/17 10:35
7	10	<pre>correct\$4) ("spherical aberration" with defocus\$4 with (reduc\$4 eliminat\$4 compensat\$4</pre>	USPAT	2004/02/17 11:35
8	200	<pre>correct\$4)) and 369/\$7.ccls. (((wave\$1length frequency) adj selective) wavelength\$1selective) with ((phase</pre>	USPAT	2004/02/17 10:42
9	3	<pre>diffract\$4) near3 (grating structure)) ((((wave\$1length frequency) adj selective) wavelength\$1selective) with ((phase diffract\$4) near3 (grating structure))) and 369/\$7.ccls.</pre>	USPAT	2004/02/17 10:44
10	4	<pre>((((wave\$1length frequency) adj selective) wavelength\$1selective) with ((phase diffract\$4) near3 (grating structure plate))) and 369/\$7.ccls.</pre>	USPAT	2004/02/17 10:44
11	12		USPAT	2004/02/17 12:11
1.0	1	369/\$7.ccls.	USPAT	2004/02/17
12	1		USPAT	12:12 2004/02/17
14	2		USPAT	12:13 2004/02/17
15	4		USPAT	12:13 2004/02/17
_	1207		USPAT	12:15 2004/02/11
-	275		USPAT	09:00 2004/01/29 12:35
-	33	same dvd))	USPAT	2004/01/29 14:17
-	175	<pre>deviation)) Yoo-Jang-Hoon.in.</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/29 14:17
-	138	Yoo-Jang-Hoon.in. and (optical adj pick\$lup)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/29 14:21
-	9	Yoo-Jang-Hoon.in. and (optical adj pick\$lup) and (annular adj lens)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/29 14:27
-	0	Yoo-Jang-Hoon.in. and (sub\$1beam (sub adj beam))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/29 14:24

Page 1

-	44	Tachibana-Akihiro.in.	USPAT;	2004/01/29
			US-PGPUB;	14:27
	l		EPO; JPO;	
	İ		DERWENT;	
			IBM_TDB	
-	0		USPAT;	2004/01/29
		sub\$1beams (sub adj beam))	US-PGPUB;	14:28
			EPO; JPO;	
	1		DERWENT;	
		m 1 13 m1/1 / / / / / / / / / / / / / / / / /	IBM_TDB	
-	0		USPAT;	2004/01/29
		sub\$1beams (sub adj beam) ((three\$1beam (three adj beam)) adj method))	US-PGPUB;	14:28
		(three adj beam)) adj method))	EPO; JPO;	
	1		DERWENT; IBM TDB	
	24	Tachibana-Akihiro.in. and (optical adj	USPAT;	2004/01/29
	43	pick\$lup)	US-PGPUB;	14:35
		pickylup,	EPO; JPO;	17.55
			DERWENT;	
			IBM TDB	
_	3710	(DeVries).in	USPAT;	2004/01/29
	3,10	(201105).111	US-PGPUB;	14:42
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	(DeVries-Jorrit).in	USPAT;	2004/01/29
			US-PGPUB;	14:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3710	(DeVries).in and philips.as.	USPAT;	2004/01/29
			US-PGPUB;	14:44
			EPO; JPO;	
			DERWENT;	
	2710	(Dathier) is and shiling as and (satisfied)	IBM_TDB	2004/01/20
-	3710	(DeVries).in and philips.as. and (optical	USPAT;	2004/01/29 14:44
		adj head)	US-PGPUB; EPO; JPO;	14:44
			DERWENT;	
			IBM TDB	
_	3710	(DeVries).in and philips.as. and (optical	USPAT;	2004/02/12
		adj head) and "globally approximates"	US-PGPUB;	10:15
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	1 1 2 1	USPAT;	2004/01/29
		approximates"	US-PGPUB;	14:45
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/00/55
-	854		USPAT	2004/02/11
		structure)) and ((spherical wave\$1front		09:18
		"wave front") with (aberration		
		deviation)) and ((plural\$3 different two second\$3) with (wave\$11ength		
		wave\$11engths (wave adj length) laser		
	[((light radiation) with (source emit\$4))		
		(disc disk ((storage record\$3		
		information) adj2 (medium carrier	:	
		record)))))		
-	168	(((diffract\$3 phase) adj (grating	USPAT	2004/02/11
		structure)) same ((spherical wave\$1front		12:13
	1	"wave front") with (aberration		
		deviation))) and ((plural\$3 different two		
		second\$3) with (wave\$11ength		
		wave\$1lengths (wave adj length) laser		
Į.		((light radiation) with (source emit\$4))		
		(disc disk ((storage record\$3		
		information) adj2 (medium carrier		
		record)))))		

_	77	(((diffract\$3 phase) adj (grating structure)) same ((spherical wave\$1front "wave front") with (aberration deviation) with (correct\$4 reduc\$5 fix\$3 compensat\$4 balanc\$3))) and ((plural\$3 different two second\$3) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4)) (disc disk ((storage record\$3 information) adj2 (medium carrier	USPAT	2004/02/11
	55	record))))) ((((diffract\$3 phase) adj (grating structure)) same ((spherical wave\$1front "wave front") with (aberration deviation) with (correct\$4 reduc\$5 fix\$3 compensat\$4 balanc\$3))) and ((plural\$3 different two second\$3) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4)) (disc disk ((storage record\$3 information) adj2 (medium carrier	USPAT	2004/02/11 18:20
_	12	record)))))) and (369/\$7 359/\$7).ccls. katayama-ryuichi.in.	USPAT	2004/02/11
_	252892	cd\$4 dvd\$4 ((((record information) with (carrier medium)) disc disk) and optical)	EPO; JPO; DERWENT	17:54 2004/02/11 18:05
-	1302	<pre>(cd\$4 dvd\$4 ((((record information) with (carrier medium)) disc disk) and optical)) and ((intensity light) same distribution)</pre>	EPO; JPO; DERWENT	2004/02/11
_	23	<pre>(cd\$4 dvd\$4 ((((record information) with (carrier medium)) disc disk) and optical)) and ((intensity light) same distribution) and ((spherical wave\$1front (wave adj front)) with (aberration</pre>	EPO; JPO; DERWENT	2004/02/11 18:07
-	23	deviat\$3)) ((((diffract\$3 phase) adj (grating structure)) same ((spherical wave\$1front "wave front") with (aberration deviation) with (correct\$4 reduc\$5 fix\$3 compensat\$4 balanc\$3))) and ((plural\$3 different two second\$3 dual) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4)) (disc disk ((storage record\$3 information) adj2 (medium carrier record)))))) and (369/\$7 359/\$7).ccls. and (((light intensity) with distribution) same detect\$3 photo\$1detect\$3 photo\$1detect\$3 photo\$1detect\$3	USPAT	2004/02/11 18:22
-	9	photosidetect;3 photosidiode;1) ((((diffract;3 phase) adj (grating structure)) same ((spherical wave;1front "wave front") with (aberration deviation) with (correct;4 reduc;5 fix;3 compensat;4 balanc;3))) and ((plural;3 different two second;3 dual) with (wave;1length wave;1lengths (wave adj length) laser ((light radiation) with (source emit;4)) (disc disk ((storage record;3 information) adj2 (medium carrier record)))))) and (369/;7 359/;7).ccls. and (((light intensity) with distribution) same (detect;3 photos;1detect;3 photos;1diode;1))	USPAT	2004/02/11 18:30

	_			
	1401	((plural\$3 different two second\$3 dual) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4)) (disc disk ((storage record\$3 information) adj2 (medium carrier record))))) and (369/\$7 359/\$7).ccls. and (((light intensity)	USPAT	2004/02/11 18:32
-	1214	with distribution) same (detect\$3 photo\$1detect\$3 photo\$1diode\$1))	USPAT	2004/02/11 18:34
-	105	359/\$7).ccls. and (((light intensity) with distribution) same (detect\$3 photo\$1detect\$3 photo\$1diode\$1)) (((plural\$3 different two second\$3 dual) with (wave\$1length wave\$1lengths (wave	USPAT	2004/02/11 18:37
		adj length) laser ((light radiation) with (source emit\$4)))) and (369/\$7 359/\$7).ccls. and (((light intensity) with distribution) same (detect\$3 photo\$1detect\$3 photo\$1diode\$1))) and ((light intensity) with distribution with (middle central inner))		
-	80	((((plural\$3 different two second\$3 dual) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4))) and (369/\$7 359/\$7).ccls. and (((light intensity) with distribution) same (detect\$3 photo\$1detect\$3 photo\$1diode\$1))) and ((light intensity) with distribution with (middle central inner))) and 369/\$7.ccls.	USPAT	2004/02/12
_	15	((((plural\$3 different two second\$3 dual) with (wave\$1length wave\$1lengths (wave adj length) laser ((light radiation) with (source emit\$4)))) and (369/\$7 359/\$7).ccls. and (((light intensity) with distribution) same (detect\$3 photo\$1detect\$3 photo\$1diode\$1))) and ((light intensity) with distribution with (middle central inner))) and 369/\$7.ccls. and (spherical with aberration)	USPAT	2004/02/12
	3735	(DeVries).in and (optical adj head) and "globally approximates"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 10:15
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12
-	256		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12
-	165	<pre>philips.as. and ("spherical aberration" with (reduc\$4 eliminat\$4 compensat\$4 correct\$4))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 10:18
-	37	with (reduc\$4 eliminat\$4 compensat\$4 correct\$4)) and ((phase diffract\$3) with (grating structure))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12
-	58	yoo-jang-hoon.in.	USPĀT	2004/02/12 15:55

-	31	yoo-jang-hoon.in. and ((spherical	USPAT	2004/02/12
		<pre>wave\$1front) with (aberration deviation))</pre>		17:28
-	15	("4695158" "5003521" "5671203"	USPAT	2004/02/12
ŀ		"5684773" "5701288" "5708638"		17:51
		"5710749" "5724325" "5734637"	1	
1		"5748597" "5757742" "5757744"		
		"5757745" "5787062" "5808993").PN.		
_	1	6016293.URPN.	USPAT	2004/02/12
				17:53
_	4	6091691.URPN.	USPAT	2004/02/12
				17:54